

# AVN-PI-IJT30G

## 30W POE INJECTOR (IEEE802.3 AT STANDARD)

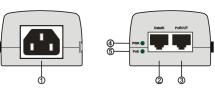
# DIMENSIONS

Unit : inch(mm)

- Power over Ethernet Injector for 10/100/1000BaseT
- Full IEEE802.3at compliant

**OVERVIEW** 

- Automatically detects and protects PoE equipment from being damaged by incorrect installation
- Internal AC/DC converter no need for external power brick
- Overload and short circuit protection
- Mixes Ethernet and power into RJ-45 port
- Remote power feeding
- Delivers power up to 100 meters
- Light weight and compact size
- Wall-mountable design
- Easy Plug-and-Play installation
- Power over Ethernet output power of 52V@0.6A



- AC Power Input Connector: This connector, shown in ●, connects the AC power source to the PoE Injector.
- Data IN: This power, shown in <sup>(2)</sup>, in is an RJ-45 Ethernet connector where data is received and transmitted through the PoE Injector.
- 3) PoE OUT: This port, shown in ●, is an RJ-45 Ethernet connector where data is received and transmitted through the PoE Injector and provides PoE power along with the Ethernet data to a PoE device.
- PWR LED: This LED, shown in ●, indicate the AC power is being provided to the unit or not.
- 5) POE LED: This LED, shown in ●, indicate the unit is providing power to the PoE OUT port or not.

#### DESCRIPTION NO OF PORTS 1 PASS THROUGH DATA RATES 10/100/1000 Mbps POWER OVER ETHERNET OUTPUT PIN ASSIGNMENT AND POLARITY: 3/6 (+), 1/2 (-) OUTPUT POWER VOLTAGE: 54VDC USER PORT POWER: 30W INPUT POWER REQUIREMENTS AC INPUT VOLTAGE: 100 TO 240 VAC AC INPUT CURRENT: 0.3A 100-240 VAC AC FREQUENCY: 50 TO 60 HZ DIMENSIONS 150mm x 65mm x 38mm (W x D x H) INDICATORS SYSTEM INDICATOR: AC POWER USER INDICATOR: CHANNEL POWER CONNECTORS SHIELDED RJ-45, EIA 568A AND 568B ENVIRONMENTAL CONDITIONS OPERATING AMBIENT TEMPERATURE: -10 TO 45°C (14°F ~ 113°F) OPERATING HUMIDITY: MAXIMUM 90%, NON-CONDENSING STORAGE TEMPERATURE: -20°C TO 70°C (-4°F ~ 158°F) STORAGE HUMIDITY: MAXIMUM 95%, NON-CONDENSING RELIABILITY MTBF: 100,000 HRS. @25°C (77°F) REGULATORY COMPLIANCE IEEE 802.3af (PoE), IEEE 802.3at (PoE+) ROHS COMPLIANT, CE, FCC ELECTROMAGNETIC FCC PART15, CLASS B EMISSION & IMMUNITY EN 55022 CLASS B (EMISSIONS) EN 55024 (IMMUNITY), VCCI SURGE PROTECTION AC PORT: 6kV RJ45 PORT: 4kV SAFETY APPROVALS UL/cUL PER EN 60950-1 GS MARK PER EN 60950-1 KC. PSF. CB. CCC. BSMI. FAC. NOM. S-MARK FTC

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### SPECIFICATIONS